



Figure 9. Contour plot showing calculated CO<sub>2</sub> concentration (ppmv) as a function of barometric pressure and relative humidity when temperature is held constant (20 °C) and raw signal voltage is 2100 mv. Without corrections the absolute CO<sub>2</sub> concentration reported would be 375 ppm(v) at 20 °C and 355 ppm(v) at 5 °C.